EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8	"6601456"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 13:45
S2	3	"6442534"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 13:51
S3	8399	resonan$3 with test$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 17:03
S4	1166	(702/42,56,141).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/22 17:04
S5	1821	(73/808,789,798,579).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/22 17:05
S6	1140	(73/849,788,794,795,806).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/22 17:05
S7	273	S3 and (S4 S5 S6)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 17:05
S8	17	S3 and (S4 S5 S6) and (piezoelectric with actuat$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 17:22
S9	5	S3 and (S4 S5 S6) and (piezoelectric with actuat$3) and (cycl$3 with load $3 with specimen$1)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 17:23
S10	0	S3 and (S4 S5 S6) and (piezoelectric with actuat$3) and (cycl$3 with load $3 with specimen$1) and (frequenc $3 with waveform$1) and (recipr$3 with frequenc$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 17:24
S11	2	(piezoelectric with actuat$3) and (cycl $3 with load$3 with specimen$1) and (frequenc$3 with waveform$1)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 17:38
S12	2	S11 and (S4 S5 S6)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 17:41
S13	13	("4112746" | "4478086" | "5079955" | "5719339" | "5758970" | "5877432" | "5883311" | "5952581" | "6023980"). PN. OR ("6732591").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 17:41
S14	2	("2002/0017144").URPN.	USPAT	OR	ON	2008/10/22 17:43
S15	2	S3 and S11	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 17:43
S16	1264	(702/42,56,141).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/07 14:05

S18	2810	(73/808,789,798,579,).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/07 14:05
S19	1679	(73/849,788,794,795,806).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/07 14:05
S20	2	(piezoelectric with actuat$3) and (cycl$3 with load$3 with specimen$1) and (frequenc$3 with waveform$1)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/07 14:05
S21	65	S16 and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 14:06
S22	0	S20 and S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 14:06
S23	2	(S16 S17) and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 14:06
S25	0	S19 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 14:07
S26	5094	(702/42,56,141,188-190).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2009/12/29 16:40
S27	0	(piezoelectric with actuat$3) and (cycl$3 with load$3 with specimen$1) and (frequenc$3 with waveform$1) and (root with end$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/29 16:40
S28	0	(piezoelectric with actuat$3) and (cycl$3 with load$3 with specimen$1) and (frequenc$3 with waveform$1) and (root with end$3) and (longitud$3 with ax$3) and (mount$3 with rigid$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/29 16:42

S29	0	(piezoelectric with actuat$3) and (cycl$3 with load$3 with specimen$1) and (frequenc$3 with waveform$1) and (root with end$3) and (longitud$3 with ax$3) and (mount$3 with rigid$3) and (reciprocat$3 with frequenc$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/29 16:53
S30	0	(piezoelectric with actuat$3) same (cycl$3 with load$3 with specimen$1) same (frequenc$3 with waveform$1) same (root with end$3) same (longitud$3 with ax$3) same (mount$3 with rigid$3) same (reciprocat$3 with frequenc$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/29 16:54
S31	0	S27 and S26	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/29 16:54
S32	1	("7233476").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2009/12/29 16:58
S33	1	("6,442,534").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2009/12/29 16:59
S34	11	("4362978" | "5159547" | "5394678" | "5497063" | "5557154" | "5566065" | "5570282" | "5822740" | "5867456").PN. OR ("6442534").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/29 17:01
S40	2	(piezoelectric with actuat$3) and (cycl$3 with load$3 with specimen$1) and (frequenc$3 with waveform$1)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/29 17:11
S41	5000	(702/42,56,141,188-190).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/29 17:11
S42	1	(reciprocat$3 with frequenc$3) and (longitudinal with axis) and (root near end$3) and (specimen with mov$3) and (mass with relat$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/29 17:12
S43	1	(reciprocat$3 with frequenc$3) and (longitudinal with axis) and (root near end$3) and (specimen with mov$3) and (mass with relat$3) and (wind with turbine with blade$1)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/29 17:12
S44	0	(piezoelectric with actuat$3) same (cycl$3 with load$3 with specimen$1) same (frequenc$3 with waveform$1) same (root with end$3) same (longitud$3 with ax$3) same (mount$3 with rigid$3) same (reciprocat$3 with frequenc$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/29 17:12
S45	0	S41 and S42	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/29 17:12
S46	0	(reciprocat$3 with frequenc$3) and (longitudinal with axis) and (root near end$3) and (specimen with mov$3) and (mass with relat$3) and (displacement with tip$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/29 17:12

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S47	0	(reciprocat$3 with frequenc$3) and (longitudinal with axis) and (root near end$3) and (specimen with mov$3) and (mass with relat$3) and (displacement with tip$3) and (vibrat$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/29 17:13
S48	0	(reciprocat$3 with frequenc$3) and (longitudinal with axis) and (root near end$3) and (specimen with mov$3 with mass) and (mass with relat$3) and (displacement with tip$3) and (vibrat$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/29 17:13
S49	0	(reciprocat$3 with frequenc$3) and (longitudinal with axis) and (root near end$3) and (specimen with mov$3 with mass) and (mass with relat$3) and (displacement with tip$3) and (vibrat$3) and (load with actuat$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/29 17:13
S50	0	(reciprocat$3 with frequenc$3) and (longitudinal with axis) and (root near end$3) and (specimen with mov$3 with mass) and (mass with relat$3) and (displacement with tip$3) and (vibrat$3) and (load with actuat$3 with transvers$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/29 17:13
S51	60	("20020126091" | "2972140" | "3157853" | "3220121" | "3497668" | "3517446" | "3623064" | "3902687" | "3903614" | "3911416" | "4127752" | "4160508" | "4236325" | "4262549" | "4333070" | "4464117" | "4484191" | "4513235" | "4581491" | "4599070" | "4708656" | "4713007" | "4794392" | "4885565" | "4891764" | "4930770" | "4934694" | "5019761" | "5022384" | "5022407" | "5035242" | "5038089" | "5078152" | "5165897" | "5175459" | "5186695" | "5212473" | "5240417" | "5271290" | "5275174" | "5283970" | "5299810" | "5309140" | "5334027" | "5436622" | "5437607" | "5466213" | "5547382" | "5575761" | "5690582" | "5766016" | "5785630" | "6111577" | "6160489" | "6422941").PN. OR ("7233476").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/29 17:14
S52	0	S50 and S41	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/29 17:14
S53	0	S51 and S41	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/29 17:14

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp

S35	1459	(702/42,56,141).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/12/29 16:40
S36	0	((piezoelectric with actuat$3) and (cycl$3 with load$3 with specimen $1) and (frequenc$3 with waveform $1) and (root with end$3) and (longitud$3 with ax$3) and (mount $3 with rigid$3) and (reciprocat$3 with frequenc$3)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/29 16:54
S37	0	S35 and S36	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/29 17:02
S38	1619	(702/188).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/12/29 17:05
S39	0	S36 and S38	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/29 17:05
S54	3059	(702/42,141,56,188).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/12/29 17:12
S55	0	((reciprocat$3 with frequenc$3) and (longitudinal with axis) and (root near end$3) and (specimen with mov$3 with mass) and (mass with relat$3) and (displacement with tip$3) and (vibrat$3) and (load with actuat$3 with transvers$3)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/29 17:14
S56	0	S54 and S55	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/29 17:14

12/29/2009 5:16:38 PM
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wsp**